

A system and method for providing Quality of Service in an Ethernet network. One or more telephony application programs are provided, along with an H.323 Recommendation stack, an IP layer, and modular Generate QoS Ethernet and QoS Ethernet layers. The Generate QoS Ethernet layer is adapted to read Type of Service or Differentiated Service bytes and generate desired QoS Ethernet commands therefrom. Either the Generate QoS Ethernet layer or the QoS Ethernet layer may be replaced or modified without necessarily having to modify the H.323 Recommendation stack and application program(s).